

The Commonwealth of Massachusetts
Executive Office of Health and Human Services
Department of Public Health
William A. Hinton State Laboratory Institute
305 South Street, Jamaica Plain, MA 02130

DEVAL L. PATRICK
GOVERNOR

TIMOTHY P. MURRAY
LIEUTENANT GOVERNOR

JUDYANN BIGBY, MD
SECRETARY

JOHN AUERBACH
COMMISSIONER

09/16/2011

Jessica Healy
Assistant District Attorney, Plymouth County

Dear ADA Healy,

Enclosed is the information you requested in regards to Commonwealth vs. [REDACTED]
Included are copies of the following:

1. Curriculum Vitae for Annie Dookhan and Daniel Renczkowski.
2. Drug Analysis Laboratory Receipt.
3. Control Cards with analytical results for samples # [REDACTED]
4. Analysis sheets with custodial chemist's hand notations and test results.
5. GC/Mass Spectral analytical data for samples # [REDACTED]

Annie Dookhan was the custodial chemist and performed the preliminary testing and net weight for this sample. Daniel Renczkowski was the confirmatory chemist and analyzed the GC/MS data for this sample.

If you have any questions about these materials, please call me at the number below.

Sincerely,

A handwritten signature in black ink, appearing to read "Annie Dookhan".

Annie Dookhan
Chemist II
Drug Analysis Lab
Jamaica Plain, MA. 02130
(617) 983-6631

Curriculum Vitae

Annie Khan (Dookhan)

Education:

University of Massachusetts, Boston, Ma, Master of Science in Chemistry.
University of Massachusetts, Boston, Ma, Bachelor of Science in Biochemistry.

Experience:

2003 – present

Chemist I, II, Massachusetts Department of Public Health, Drug Analysis Laboratory

*Completed six-week training course conducted by senior staff within the Department of Public Health, Drug Analysis Laboratory.

*Appointed Assistant Analyst by Assistant Commissioner of Public Health, 2004.

*Responsible for the identification of illicit drugs to determine violations of harmful and narcotic drug laws.

*Trained in the use of complex analytical instrumentation, microscopes and balances for the purpose of drug analysis.

*Maintenance and repairs of all analytical instruments.

*Responsible for the Quality Control of all analytical instruments, reagents and controls/standards.

* Responsible for the Quality Control/Quality Assurance program for the drug lab.

*Notary Public.

*Qualified as an expert witness in Massachusetts Courts and U.S. District Court

2001 – 2003

QC Analyst I, II, UMMS-Massachusetts Biologic Laboratory, QC Material Control

*Completed proficiency training conducted by a member of the staff within the MLB Quality Control and Quality Assurance Department.

*Method Development for creating new techniques and enhancing vaccines for the QC Dept. and FDA.

*Writing, revising and reviewing Standard Operating Procedures (SOPs).

*Trained and supervised new chemists and interns for the department.

*Routine QC testing of products for the FDA.

*Trained in the use of complex analytical instrumentation, and balances for the purpose of QC analysis for product and validation projects.

*Calibration, preventive maintenance, QC and QA of analytical instrumentation.

*Complete testing of chemicals for Vendor Validation Project for the FDA.

*Compendial testing and interpretation of the USP, ACS, FCC, AOAC, Merck Index, PDR, etc.

Additional Training:

Dept. of Justice – Forensics Professionals. (numerous trainings)

GLP/GMP course with Massachusetts Biologic Laboratory.

QC/QA training according to FDA Codes and Regulations.

GC and GC/MS courses with Agilent Technologies and Restek.

HPLC course with Waters Cooperation.

FTIR course with Spectros.

TOC training with MBL and Sievers.

Association:

American Chemical Society (ACS)

Northeastern Association of Forensics Science (NEAFS)

Curriculum Vitae

Daniel Renczkowski

Education

Degree: Bachelors of Science in Forensic Chemistry,
May 2005 from Buffalo State College
GPA: 3.84, Dean's List, Honor's Recognition
American Chemical Society Undergraduate Award
Phi Lambda Upsilon Membership

Related Coursework:	Analytical Chemistry	Physical Chemistry
	Organic Chemistry I and II	Instrumental Chemistry
	Biochemistry	Forensics Laboratory
	Chemistry of Criminalistics	Physical Evidence
	Anatomy	Physiology

Employment

Massachusetts Department of Public Health Drug Analysis Laboratory
Chemist I (October 2005 – March 2008)

Chemist II (March 2008 – present)

- Successfully completed an eight week training course in the analysis of drugs conducted by senior staff
- Successfully completed GC/MS training program
- Responsible for the identification of substances to determine violation of the Controlled Substances Act of the Massachusetts General Laws
- Responsible for maintenance and repairs of analytical instruments
- Responsible for quality control of analytical instruments and standards

Related Experience

Niagara County Forensics Laboratory
Forensic Internship, January 2005

- Conducted research on the presumptive testing of saliva
- Conducted research on the identification and detection of lubricants
- Observed all aspects of the laboratory including drug analysis, firearms comparison, trace evidence, arson investigation, toxicology, and serology
- Daily use of FTIR microscope and DuraSamplerII
- Familiarized with GC/MS programs

PLEASE PRINT CLEARLY OR TYPE ALL INFORMATION

The Commonwealth of Massachusetts
Executive Office of Health and Human Services
Department of Public Health
State Laboratory Institute

Boston Drug Laboratory
Tel (617) 983-6622
Fax (617) 983-6625

Boston Hours

8:00 - 11:00
2:00 - 4:00

DRUG RECEIPT

Amherst Drug Laboratory
Tel (413) 545-2601
Fax (413) 545-2608

Amherst Hours

9:00 - 12:00

City or Department: Brockton Police Department **Police Reference No.:**

Name and Rank of Submitting Officer: DONOHUE, PATRICK S 380 DOC # R012968

Defendant(s) Name (last,first,initial):

To be completed by Submitter

Description of Items Submitted

To be completed by Lab Personnel

Gross Weight Lab Number

1) PLASTIC BAGS UNK WHITE ROCK (QTY: 4)
PLASTIC BAG UNK WHITE ROCK (S17815)

2.71 gm

Received By:

11

Date: 6.1.10

No. [REDACTED]

Date Analyzed:

9-16-10

City: Brockton Police Dept.

Officer: Detective PATRICK DONOHUE

Def: [REDACTED]

Amount:

Subst: SUB

No. Cont: 4 Cont: pb

Date Rec'd: 06/01/2010

No. Analyzed: 1

Gross Wt.: 2.71

Net Weight: 0.27

Tests: 6 ~~482~~

• DJR

Prelim: COCAINE

Findings:

Cocaine

DRUG POWDER ANALYSIS FORM

No. of samples tested: _____ Evidence Wt. _____

Evidence Wt. _____

PHYSICAL DESCRIPTION:

Gross Wt (4): 1.2858

Gross Wt (1): 0.3634

Pkg. Wt: _____

Net Wt: 0.2705

PRELIMINARY TESTS

Spot Tests

Cobalt
Thiocyanate (+)

Marquis

Froehde's

Mecke's

Microcrystalline Tests

Gold
Chloride +

TLTA (+)

OTHER TESTS

PRELIMINARY TEST RESULTS

GC/MS CONFIRMATORY TEST

RESULTS *Cocculus*

RESULTS cocaine

DATE 9-7-10

MS
OPERATOR DJR

DATE 9-16-10

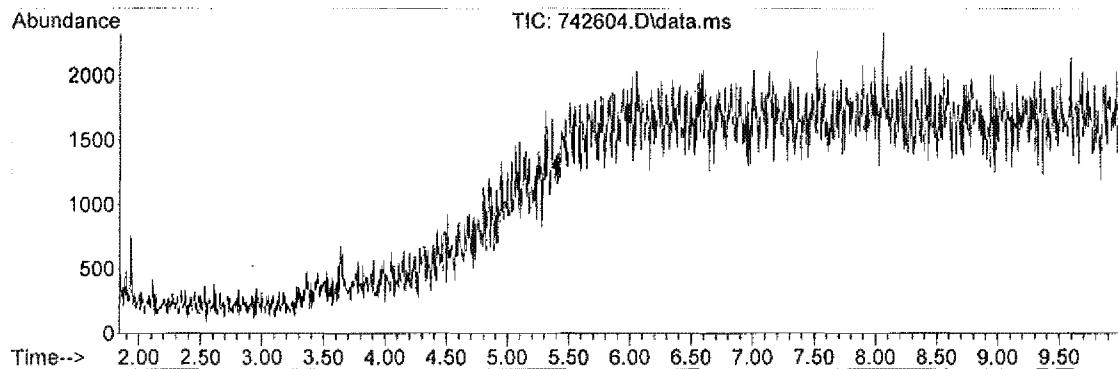
Revised 7/2005

Folk_OIG_PRR_039429

Information from Data File:

File Name : F:\Q3-2010\System4\09_08_10\742604.D
Operator : DJR
Date Acquired : 8 Sep 2010 16:18
Sample Name : BLANK
Submitted by :
Vial Number : 1
AcquisitionMeth: DRUGS
Integrator : RTE

✓ DJR
a-1-11



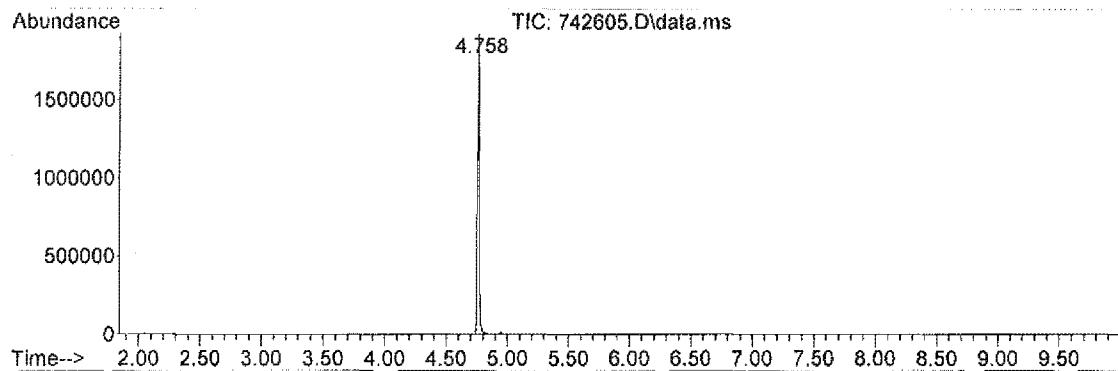
Ret. Time	Area	Area %	Ratio %
-----------	------	--------	---------

NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q3-2010\System4\09_08_10\742605.D
Operator : DJR
Date Acquired : 8 Sep 2010 16:31
Sample Name : COCAINE STD
Submitted by :
Vial Number : 5
AcquisitionMeth: DRUGS
Integrator : RTE



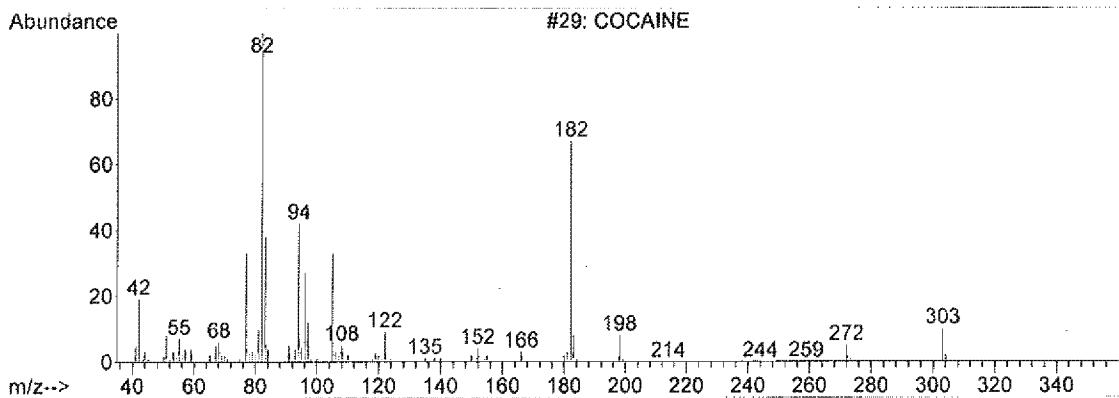
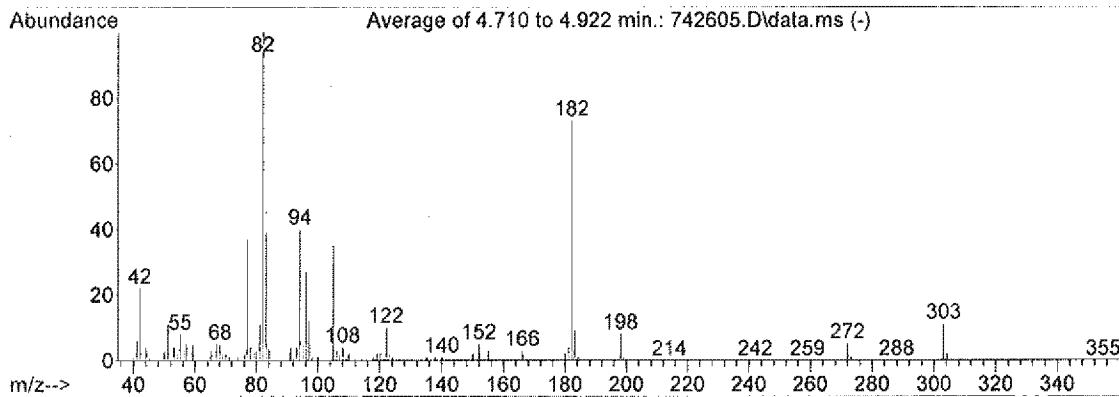
Ret. Time	Area	Area %	Ratio %
4.758	1887084	100.00	100.00

Information from Data File:

File Name : F:\Q3-2010\System4\09_08_10\742605.D
Operator : DJR
Date Acquired : 8 Sep 2010 16:31
Sample Name : COCAINE STD
Submitted by :
Vial Number : 5
AcquisitionMeth: DRUGS
Integrator : RTE

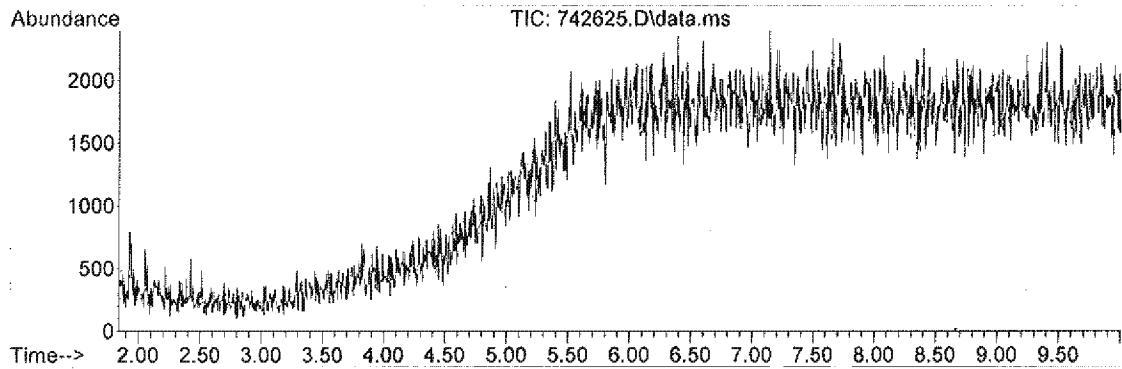
Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST05a.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	4.76	C:\Database\SLI.L COCAINE	000050-36-2	99



Information from Data File:

File Name : F:\Q3-2010\System4\09_08_10\742625.D
Operator : DJR
Date Acquired : 8 Sep 2010 21:05
Sample Name : BLANK
Submitted by : ASD
Vial Number : 1
AcquisitionMeth: DRUGS
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
-----------	------	--------	---------

NO INTEGRATED PEAKS

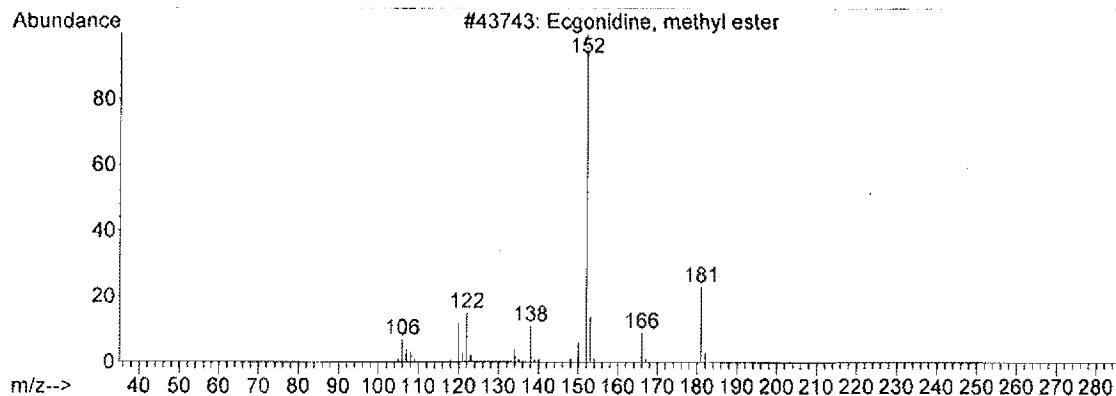
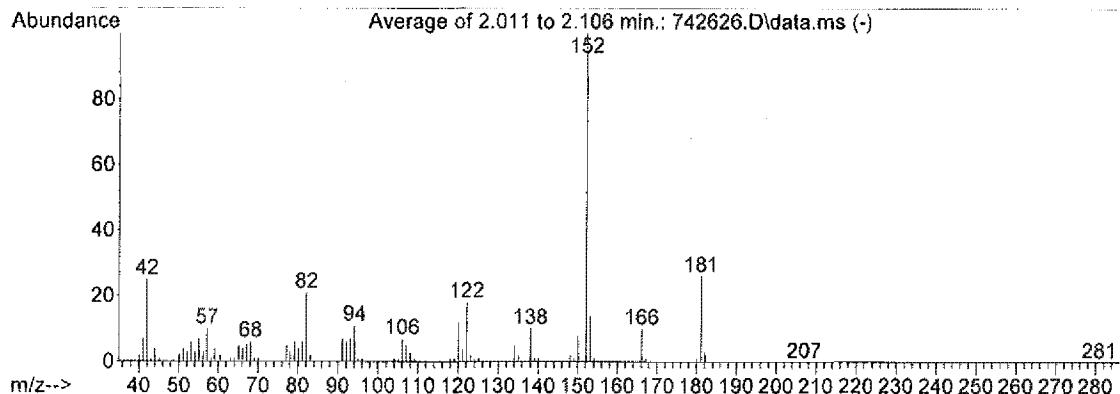
Information from Data File:			
File Name : F:\Q3-2010\System4\09_08_10\742626.D			
Sample Name : [REDACTED]			
Date Acquired : 8 Sep 2010 21:18			
Operator	DR	Acquisition Method	DRUGS
Vial Number	26	Integrator	RTE
Submitted by	ASD	Sample Name	[REDACTED]
Submittor		Date Acquired	8 Sep 2010 21:18
Abundance	4.766	TIC: 742626.D\data.ms	
Time-->	2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 6.00 6.50 7.00 7.50 8.00 8.50 9.00 9.50		
4.766			
3.989			
2.04280			
2000000			
3000000			
4000000			
20000000			
100000000			
0			

Information from Data File:

File Name : F:\Q3-2010\System4\09_08_10\742626.D
Operator : DJR
Date Acquired : 8 Sep 2010 21:18
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 26
AcquisitionMeth: DRUGS
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST05a.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	2.04	C:\Database\NIST05a.L		
		Ecgonidine, methyl ester	127379-24-2	98
		2-Carbomethoxy-8-methyl-8-azabicycl	043021-26-7	96
		2 (1H)-Pyridinone, 4-hydroxy-6-methy	007135-82-2	38

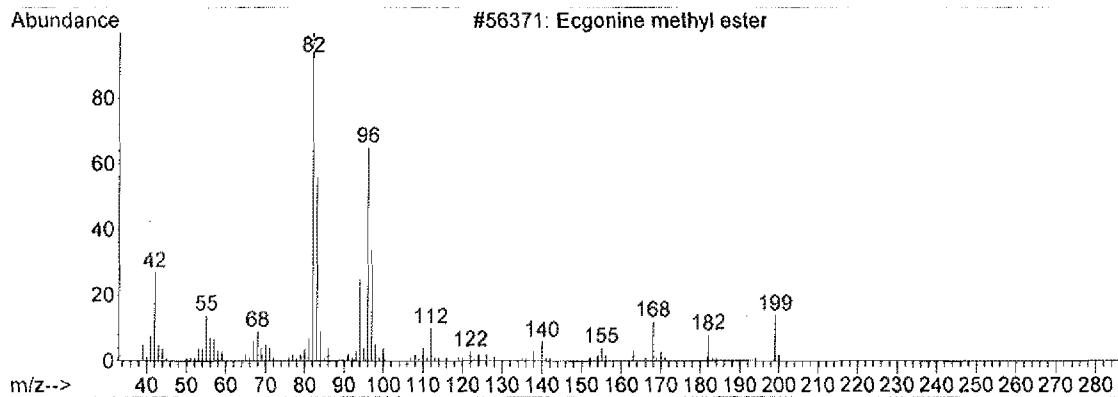
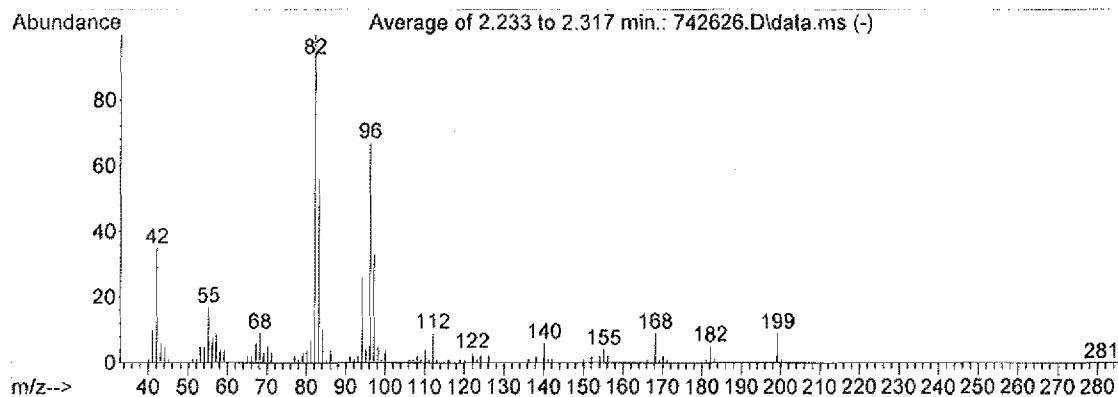


Information from Data File:

File Name : F:\Q3-2010\System4\09_08_10\742626.D
 Operator : DJR
 Date Acquired : 8 Sep 2010 21:18
 Sample Name : XXXXXXXXXX
 Submitted by : ASD
 Vial Number : 26
 AcquisitionMeth: DRUGS
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST05a.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
2	2.28	C:\Database\NIST05a.L		
		Ecgonine methyl ester	106293-60-1	97
		Ecgonine methyl ester	106293-60-1	97
		Ecgonine methyl ester	106293-60-1	97

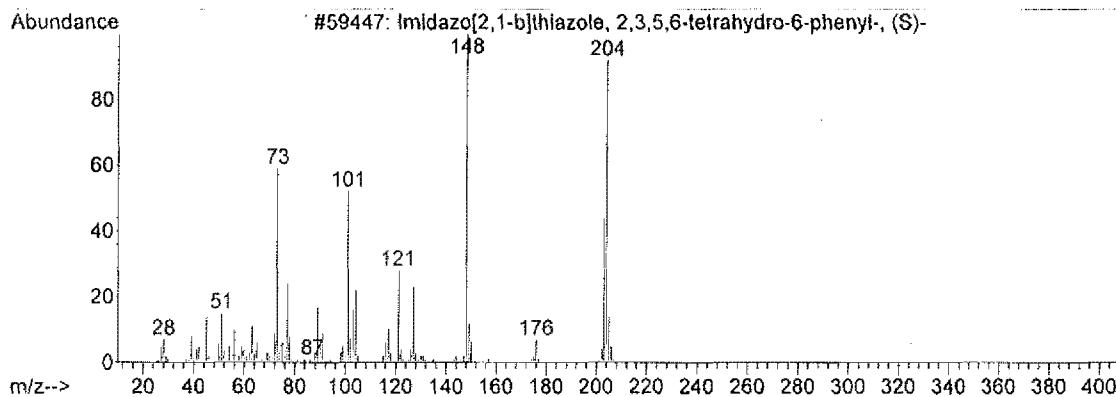
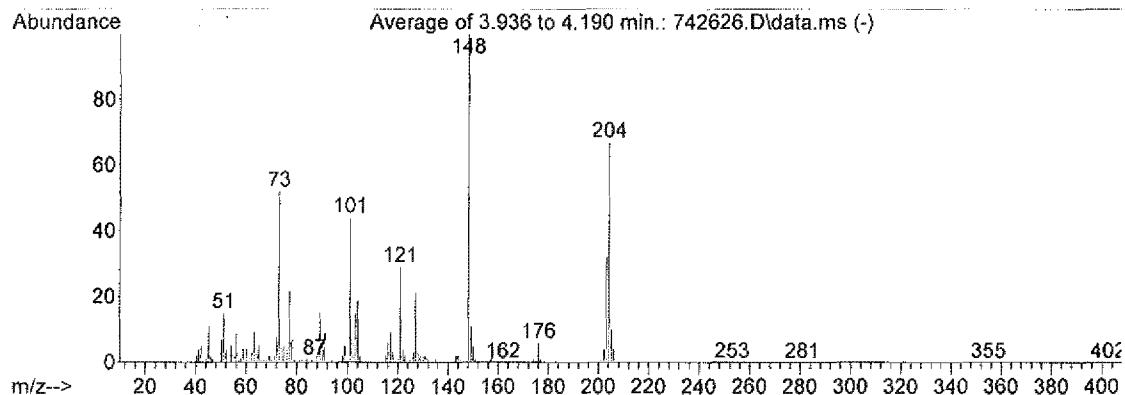


Information from Data File:

File Name : F:\Q3-2010\System4\09_08_10\742626.D
Operator : DJR
Date Acquired : 8 Sep 2010 21:18
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 26
AcquisitionMeth: DRUGS
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST05a.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
3	3.99	C:\Database\NIST05a.L		
		Imidazo[2,1-b]thiazole, 2,3,5,6-tet	014769-73-4	99
		Imidazo[2,1-b]thiazole, 2,3,5,6-tet	006649-23-6	99
		Imidazo[2,1-b]thiazole, 2,3,5,6-tet	014769-73-4	98

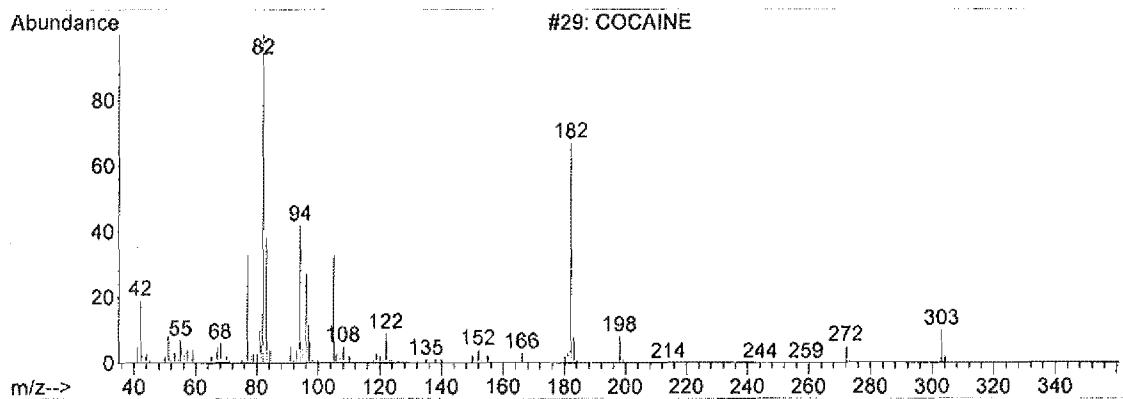
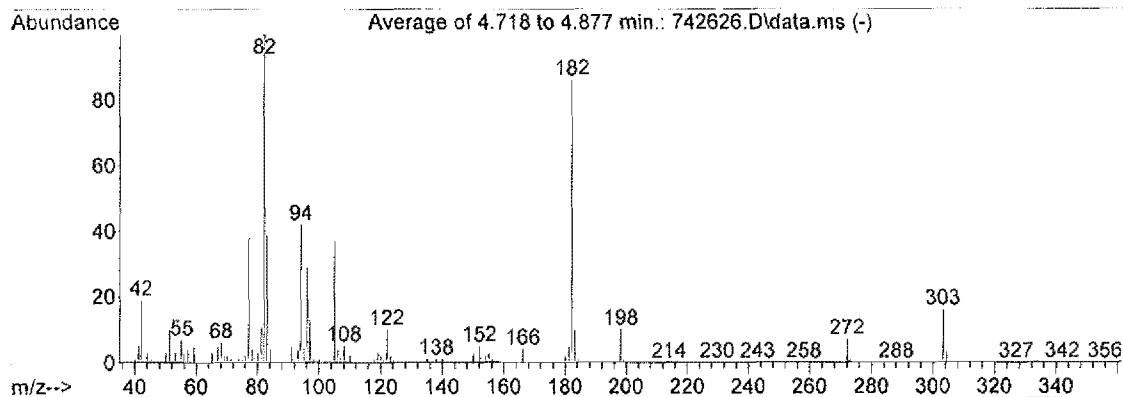


Information from Data File:

File Name : F:\Q3-2010\System4\09_08_10\742626.D
Operator : DJR
Date Acquired : 8 Sep 2010 21:18
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 26
AcquisitionMeth: DRUGS
Integrator : RTE

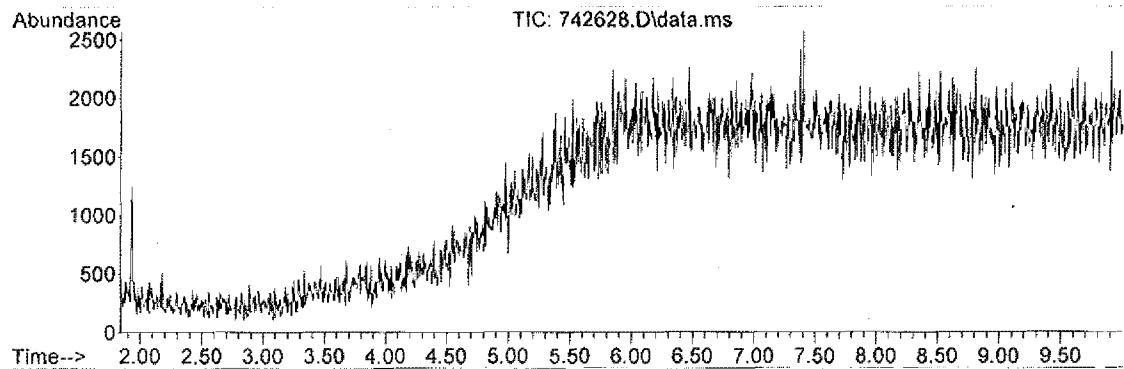
Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST05a.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
4	4.77	C:\Database\SLI.L COCAINE	000050-36-2	99



Information from Data File:

File Name : F:\Q3-2010\System4\09_08_10\742628.D
Operator : DJR
Date Acquired : 8 Sep 2010 21:45
Sample Name : BLANK
Submitted by :
Vial Number : 1
AcquisitionMeth: DRUGS
Integrator : RTE

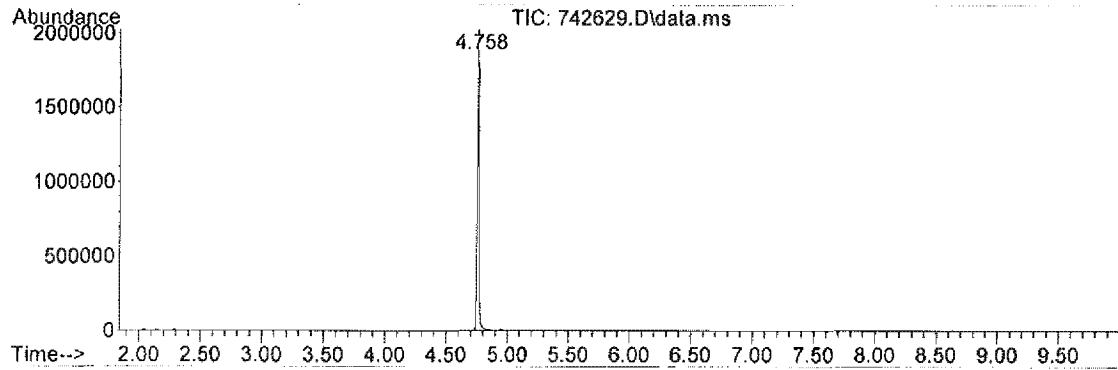


Ret. Time	Area	Area %	Ratio %
-----------	------	--------	---------

NO INTEGRATED PEAKS

Information from Data File:

File Name : F:\Q3-2010\System4\09_08_10\742629.D
Operator : DJR
Date Acquired : 8 Sep 2010 21:59
Sample Name : COCAINE STD
Submitted by :
Vial Number : 29
AcquisitionMeth: DRUGS
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
4.758	1989646	100.00	100.00

Information from Data File:

File Name : F:\Q3-2010\System4\09_08_10\742629.D
Operator : DJR
Date Acquired : 8 Sep 2010 21:59
Sample Name : COCAINE STD
Submitted by :
Vial Number : 29
AcquisitionMeth: DRUGS
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST05a.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	4.76	C:\Database\SLI.L COCAINE	000050-36-2	99

